Amendments to the Claims:

Please enter the amendments to claims 88, 96, 103, and 109.

Please cancel claims 93-95 and 97.

Please enter new claims 154-156.

1-87. (canceled)

88. (currently amended) An isolated polynucleotide encoding at least ~~one~~ a first monomer of a non-oligomerizing tandem fluorescent protein, wherein the non-oligomerizing tandem fluorescent protein comprises a first monomer of ~~a~~ an *Aequorea* green fluorescent protein (GFP) or a fluorescent protein related to ~~a~~ an *Aequorea* GFP operatively linked to at least a second monomer of ~~a~~ an *Aequorea* GFP or a fluorescent protein related to ~~a~~ an *Aequorea* GFP, and wherein said first monomer of the non-oligomerizing tandem fluorescent protein comprises a mutation of an amino acid residue corresponding to A206K, L221K, F223R, or a combination thereof of SEQ ID NO: 6 or SEQ ID NO:10, and wherein the propensity of the tandem fluorescent protein to form intermolecular oligomers is reduced or inhibited as compared to a monomer of ~~a~~ an *Aequorea* GFP or a fluorescent protein related to ~~a~~ an *Aequorea* GFP.

89-95. (canceled)

96. (currently amended) ~~The~~ An isolated polynucleotide ~~of claim 88~~ encoding at least a first monomer of a non-oligomerizing tandem fluorescent protein, wherein the non-oligomerizing tandem fluorescent protein comprises a first monomer of an *Aequorea* green fluorescent protein (GFP) or a fluorescent protein related to an *Aequorea* GFP operatively linked to at least a second monomer of an *Aequorea* GFP or a fluorescent protein related to an *Aequorea* GFP, wherein said first monomer of the fluorescent protein further comprises a mutation substituting an amino acid having a positively charged side-chain for ~~of~~ an amino acid residue corresponding to A206, L221, F223, or a combination thereof of SEQ ID NO: 2, and wherein the propensity of the tandem fluorescent protein to form intermolecular oligomers is reduced or inhibited as

compared to a monomer of an *Aequorea* GFP or a fluorescent protein related to an *Aequorea* GFP.

97. (canceled)

98. (previously presented) The isolated polynucleotide of claim 96, wherein the mutation corresponds to an A206K mutation, an L221K mutation, an F223R mutation, or an L221K and F223R mutation of SEQ ID NO: 6 or SEQ ID NO: 10.

99. (previously presented) The isolated polynucleotide of claim 88, wherein the first monomer and the second monomer are operatively linked using a peptide linker.

100-101. (canceled)

102. (previously presented) The isolated polynucleotide of claim 88, further comprising at least a third monomer of the fluorescent protein, which is operatively linked to the first monomer or the second monomer.

103. (currently amended) An isolated polynucleotide encoding at least ~~one~~ a first monomer of a fusion protein, wherein the fusion protein comprises the non-oligomerizing tandem fluorescent protein of claim 88 operatively linked to at least one polypeptide of interest.

104. (previously presented) The isolated polynucleotide of claim 103, wherein the non-oligomerizing tandem fluorescent protein is linked to the polypeptide of interest through a peptide bond.

105. (previously presented) The isolated polynucleotide of claim 103, wherein the non-oligomerizing tandem fluorescent protein is linked to the polypeptide of interest through a linker molecule.

106. (previously presented) The isolated polynucleotide of claim 103, wherein at least one polypeptide of interest comprises a peptide tag.

107. (previously presented) The isolated polynucleotide of claim 106, wherein the peptide tag is a polyhistidine peptide.

108. (previously presented) The isolated polynucleotide of claim 103, wherein at least one polypeptide of interest is a cellular polypeptide.

109. (currently amended) The isolated polynucleotide of claim ~~103~~108, wherein the polypeptide of interest is a cellular polypeptide selected from an enzyme, a G-protein, a growth factor receptor, or a transcription factor.

110. (previously presented) The isolated polynucleotide of claim 103, wherein the polypeptide of interest is one of two or more proteins that associate to form a complex.

111-127. (canceled)

128. (previously presented) A vector comprising the isolated polynucleotide of claim 88.

129-133. (canceled)

134. (previously presented) A host cell comprising the isolated polynucleotide of claim 88.

135-137. (canceled)

138. (previously presented) A kit comprising at least one isolated polynucleotide of claim 88.

139-153. (canceled)

154. (new) A vector comprising the isolated polynucleotide of claim 96.

155. (new) A host cell comprising the isolated polynucleotide of claim 96.

156. (new) A kit comprising at least one isolated polynucleotide of claim 96.